

FIG. 1

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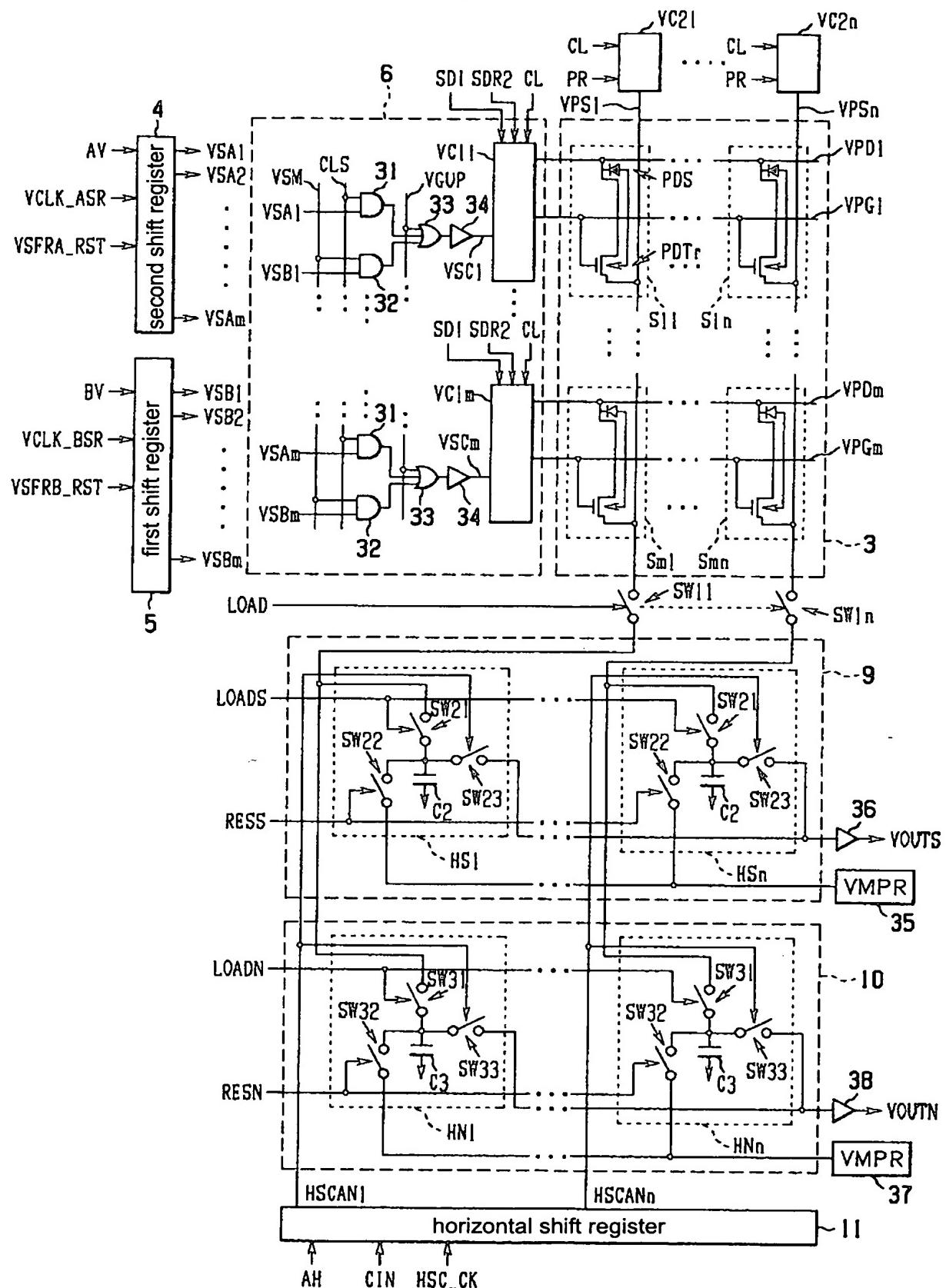


FIG. 2

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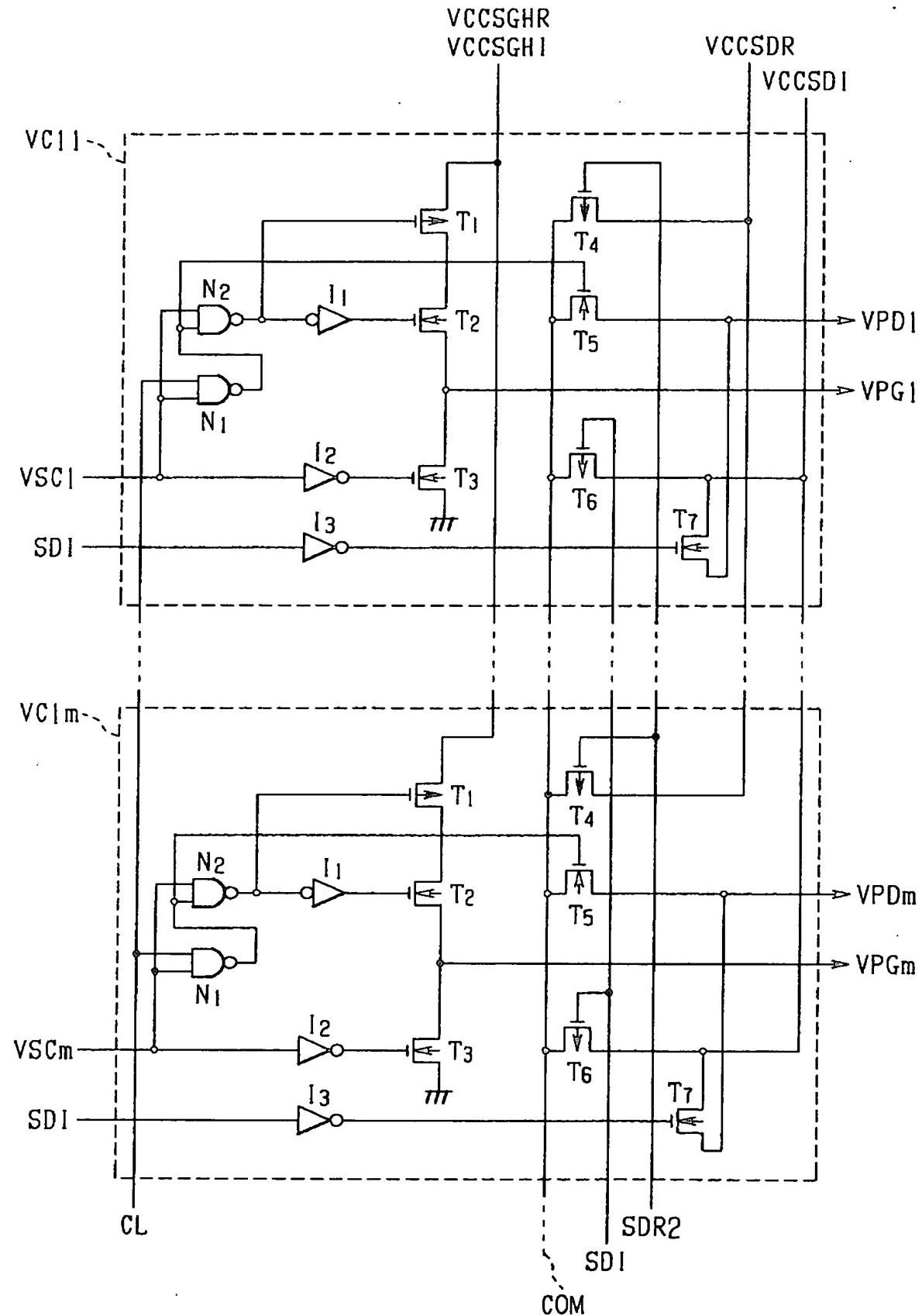


FIG. 3

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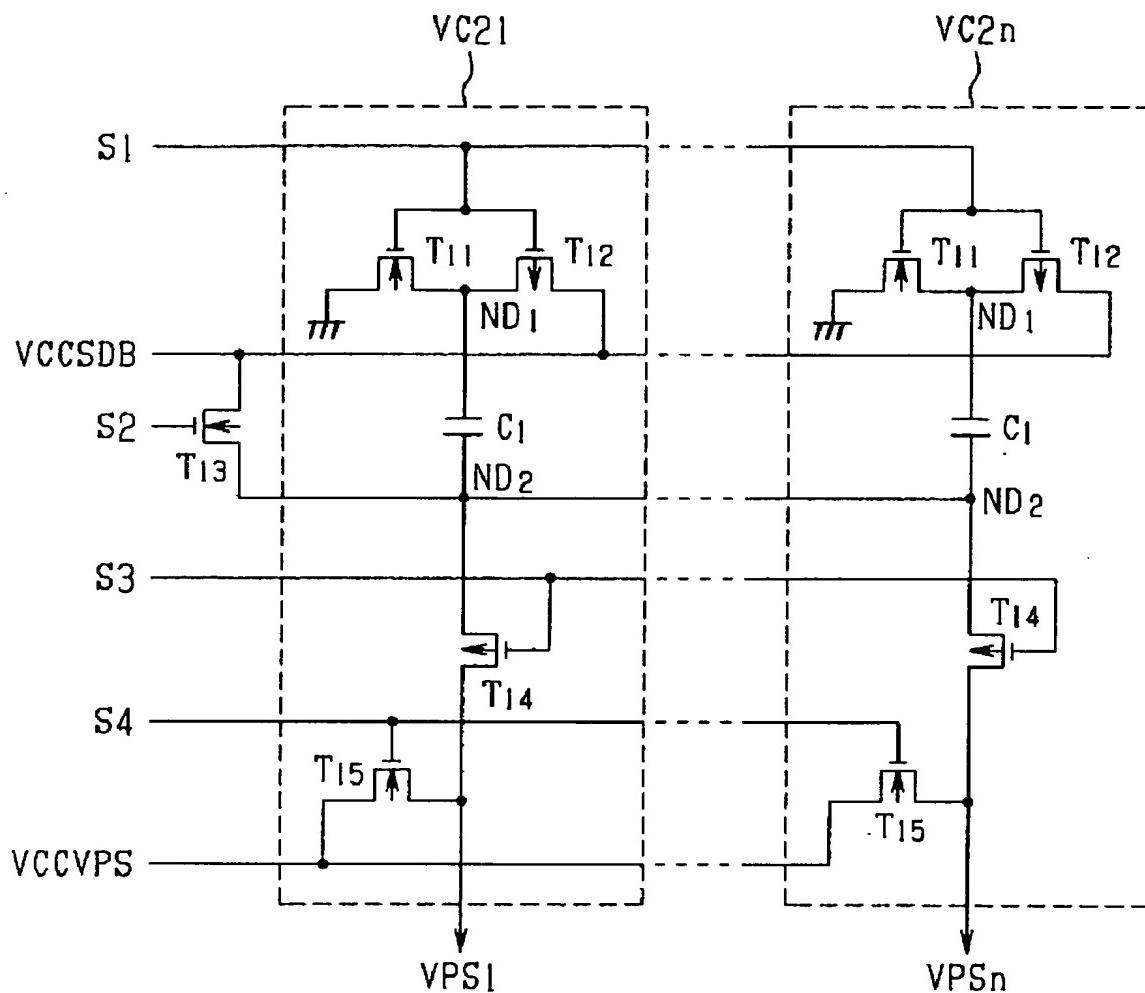


FIG. 4A

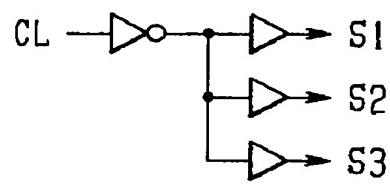


FIG. 4B

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States of sensor bias		state	accumulation	RESS	LOADS	PR	CL	RESN	LOADN
GATE	selected	VCCSGH1	Lo	VCCSGHR	VCCSGHR	VCCSGHR+ VCCSDB X 2	Lo1	VCCSGHR	
	non selected		Lo	VCCSGHR-VthS	Lo	Lo	Lo	Lo	Lo
SOURCE	selected	turning "on" (VCCSD1)	VMPR	VCCVPS	VCCVPS	VCCSDB X 2	VMPR	VCCSGHR-VthN	
	non selected	VCCSD1	HiZ	VCCSDR	turning "on" (VCCVPS)	turning "on" (VCCSDB X 2)	HiZ	VCCSDR	
DRAIN	selected		HiZ	VCCSDR	VCCVPS	VCCSDR	HiZ	VCCSDR	

FIG. 5

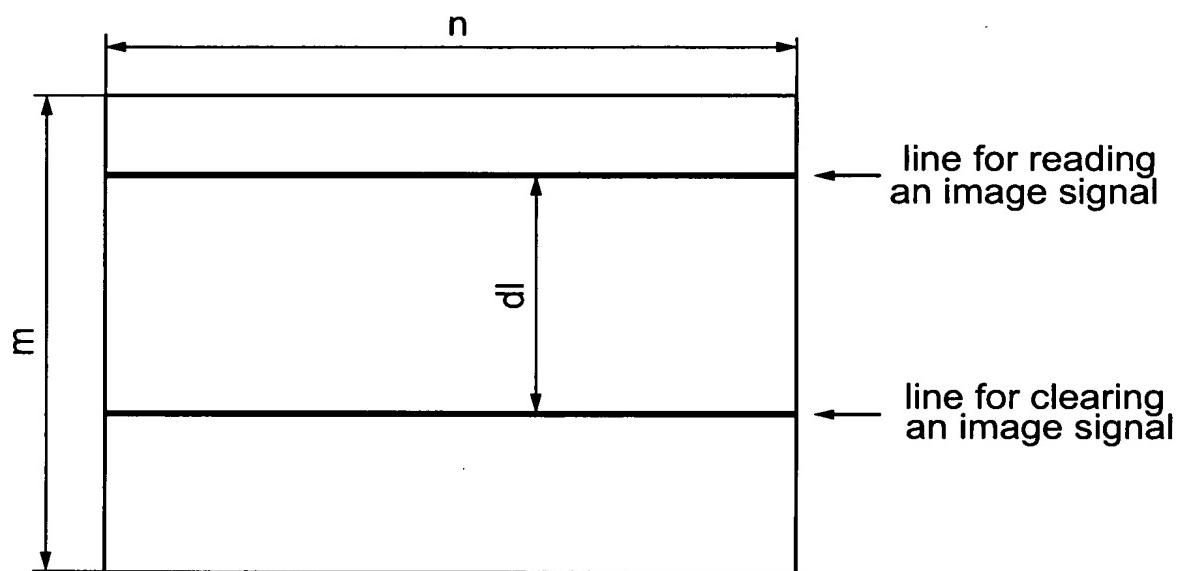


FIG. 6

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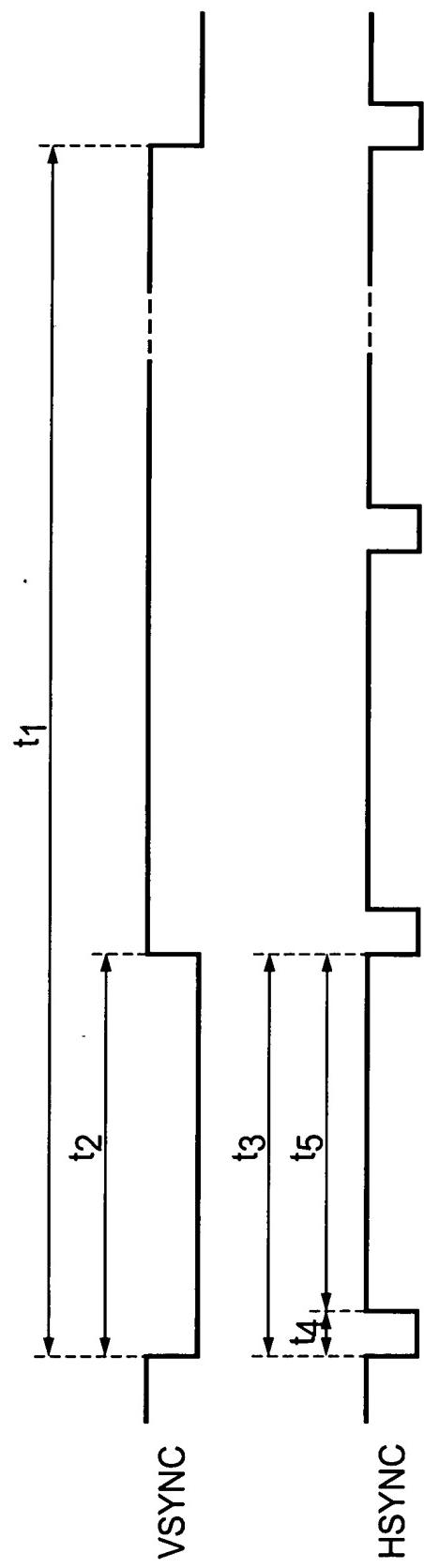


FIG. 7

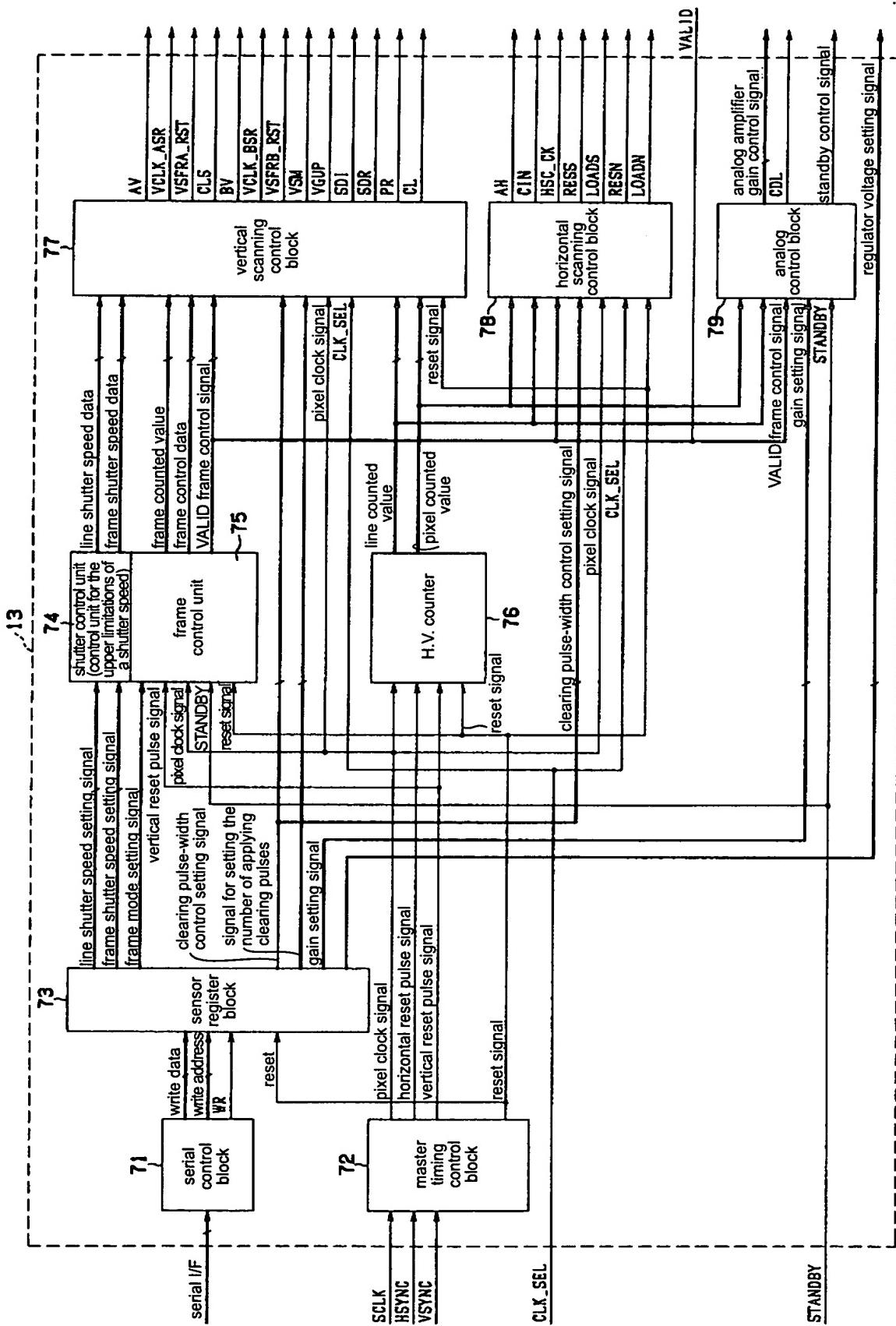
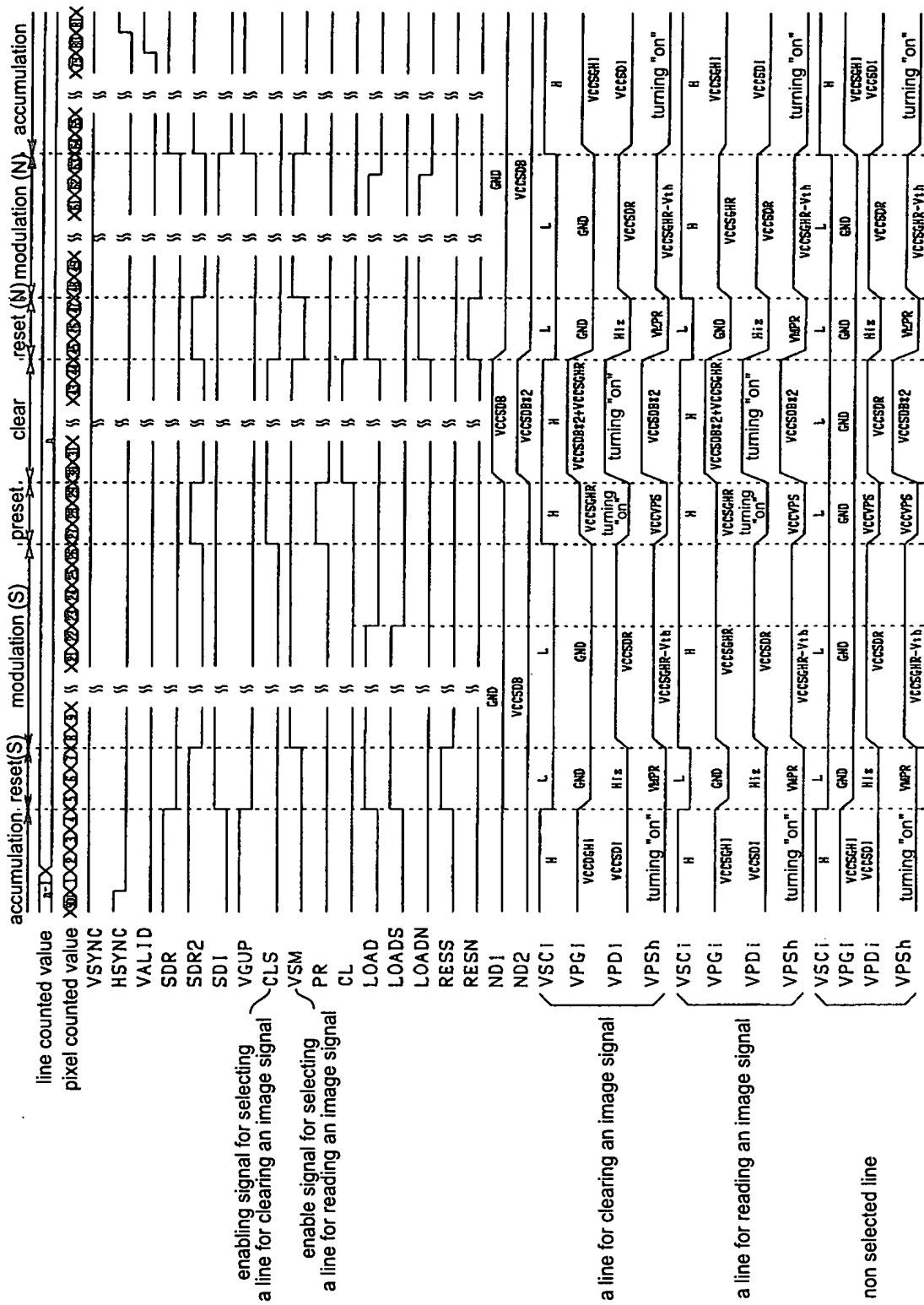


FIG. 8



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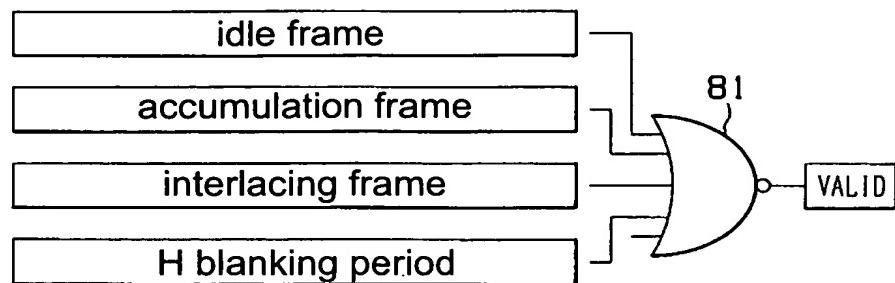


FIG. 10A

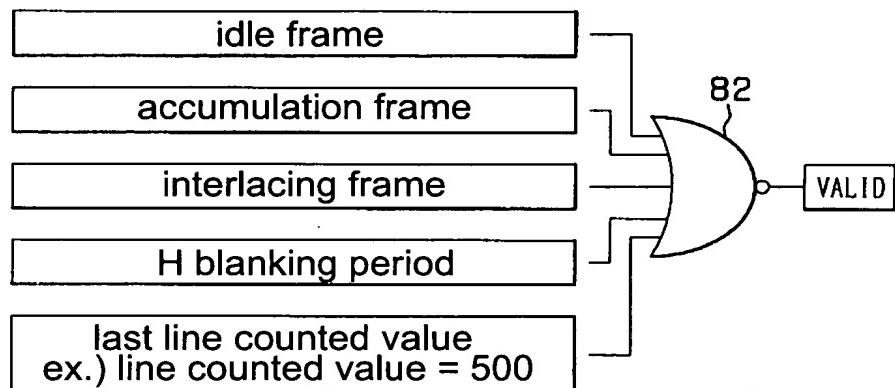


FIG. 10B

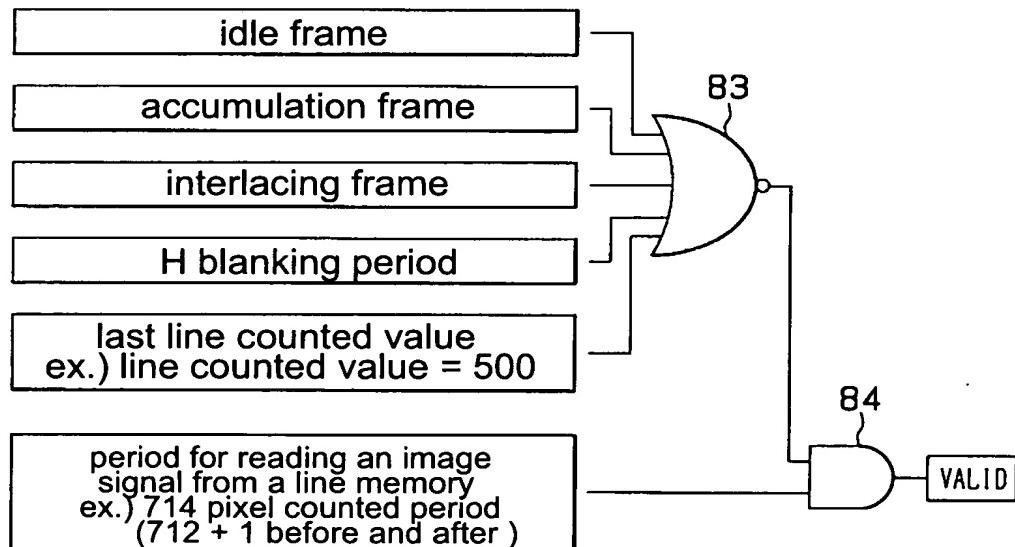


FIG. 10C

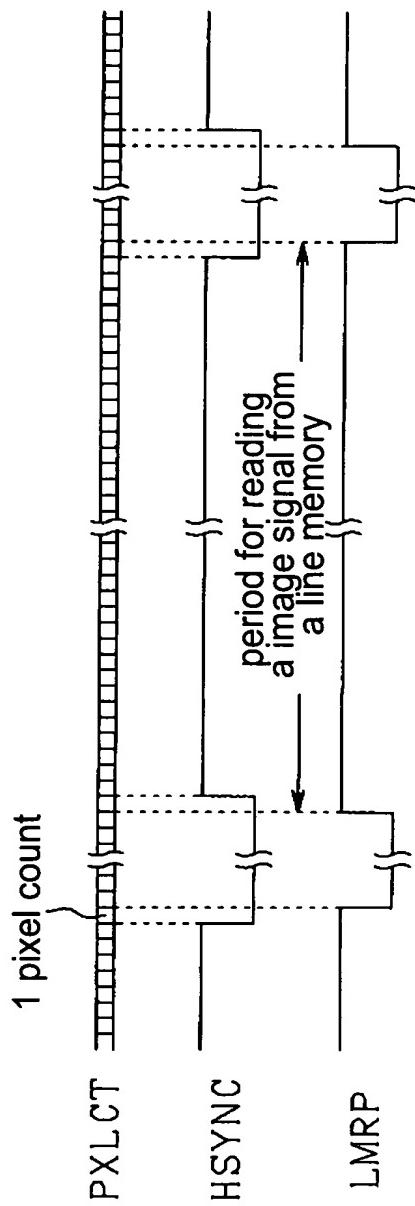


FIG. 11

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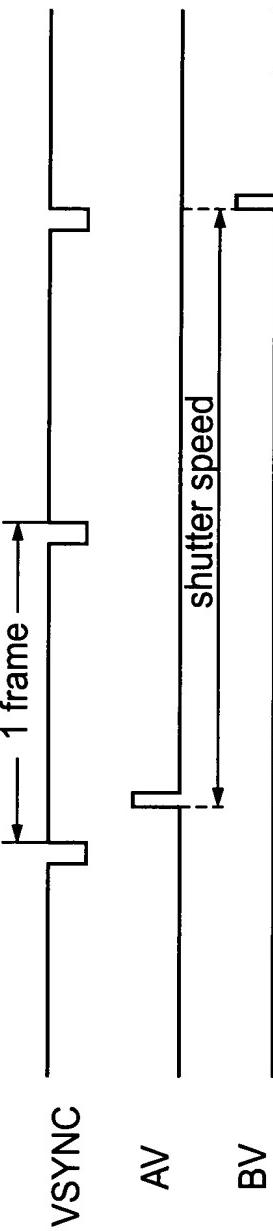


FIG. 12

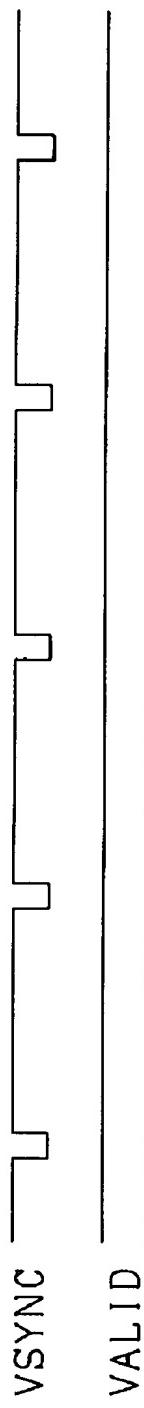


FIG. 13A

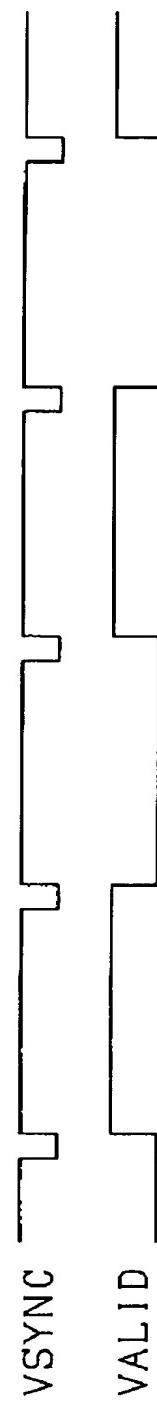


FIG. 13B

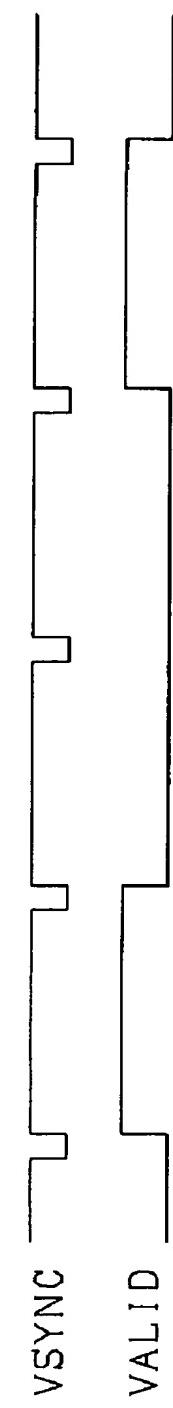


FIG. 13C